

FIG. 1

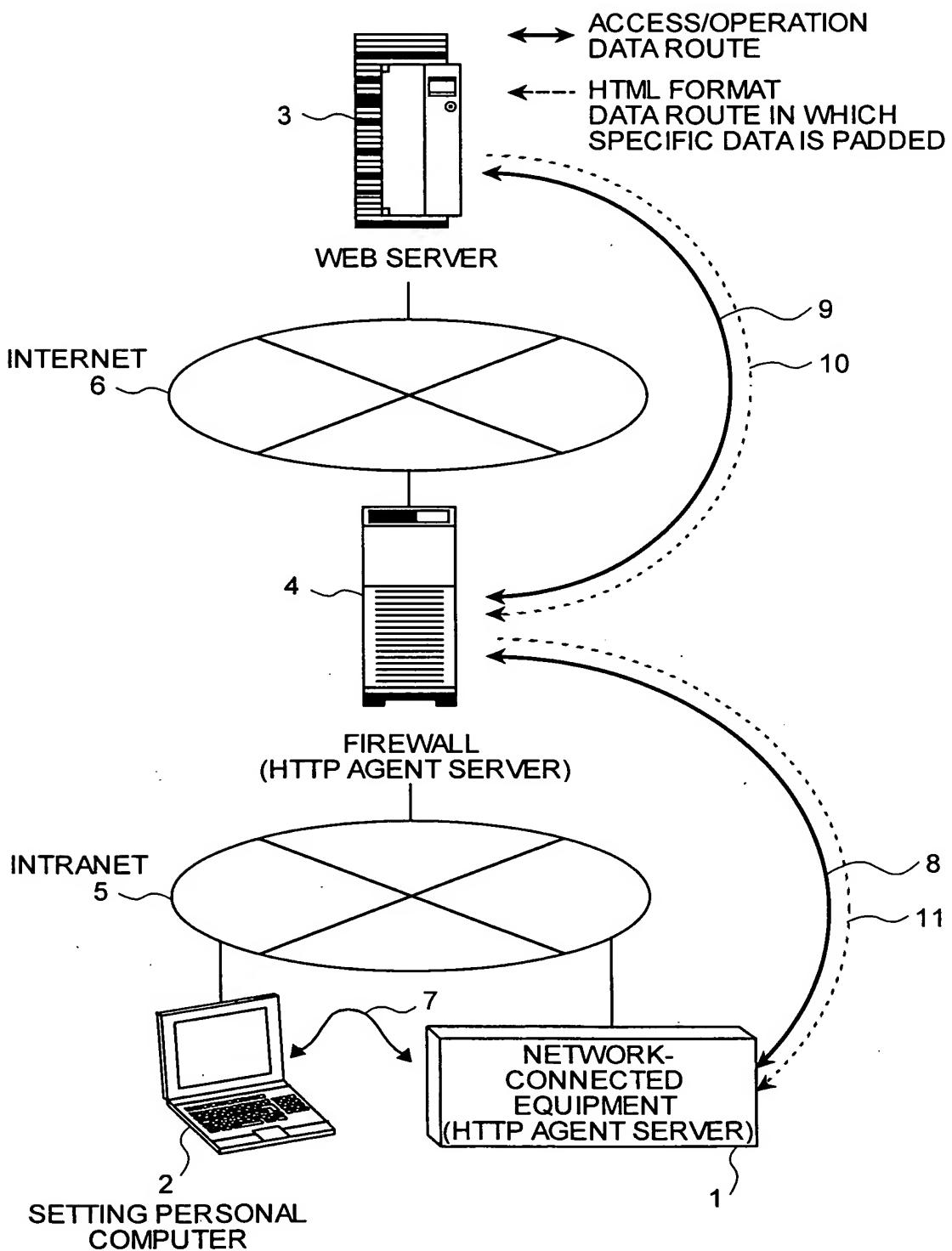
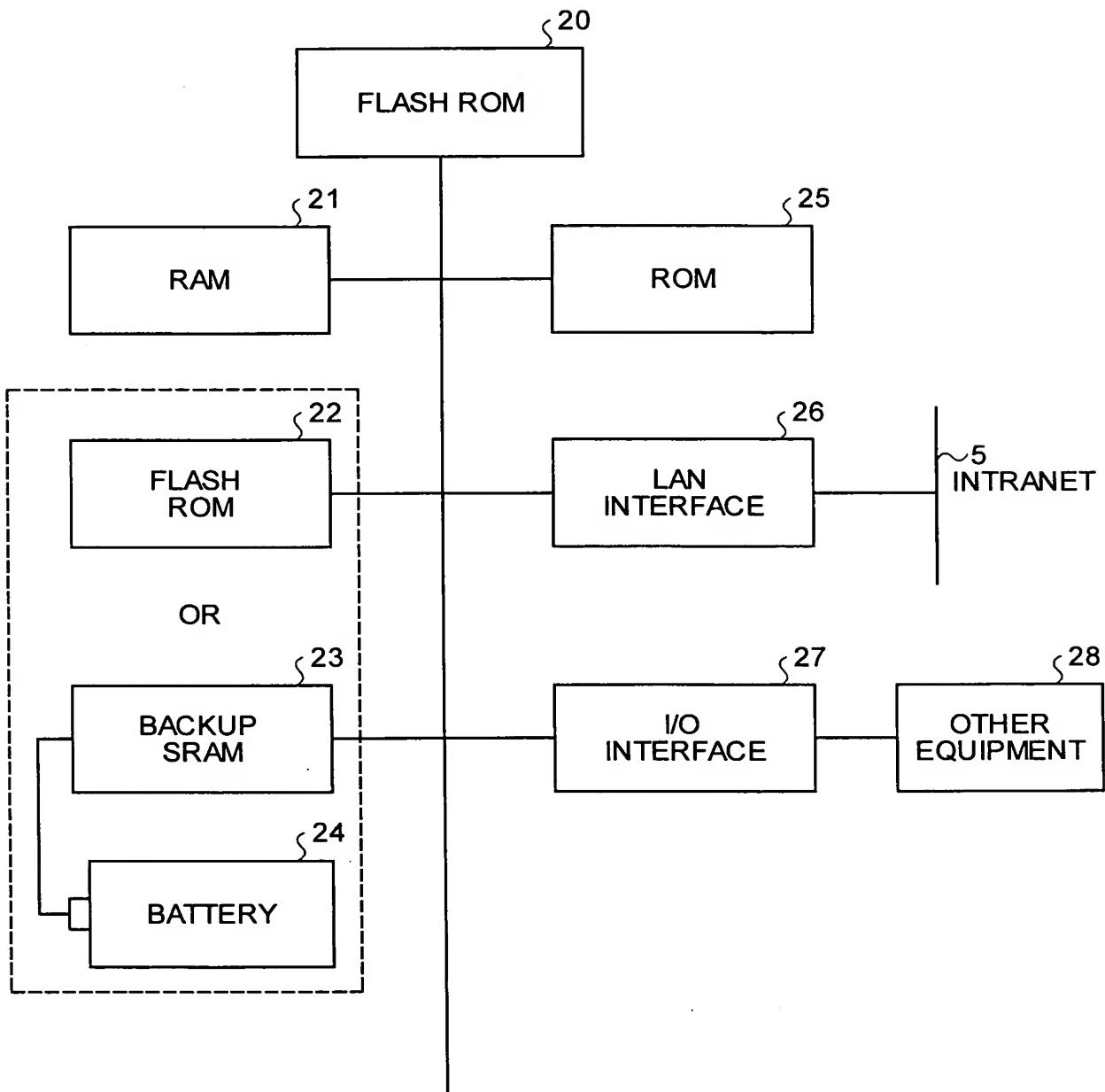
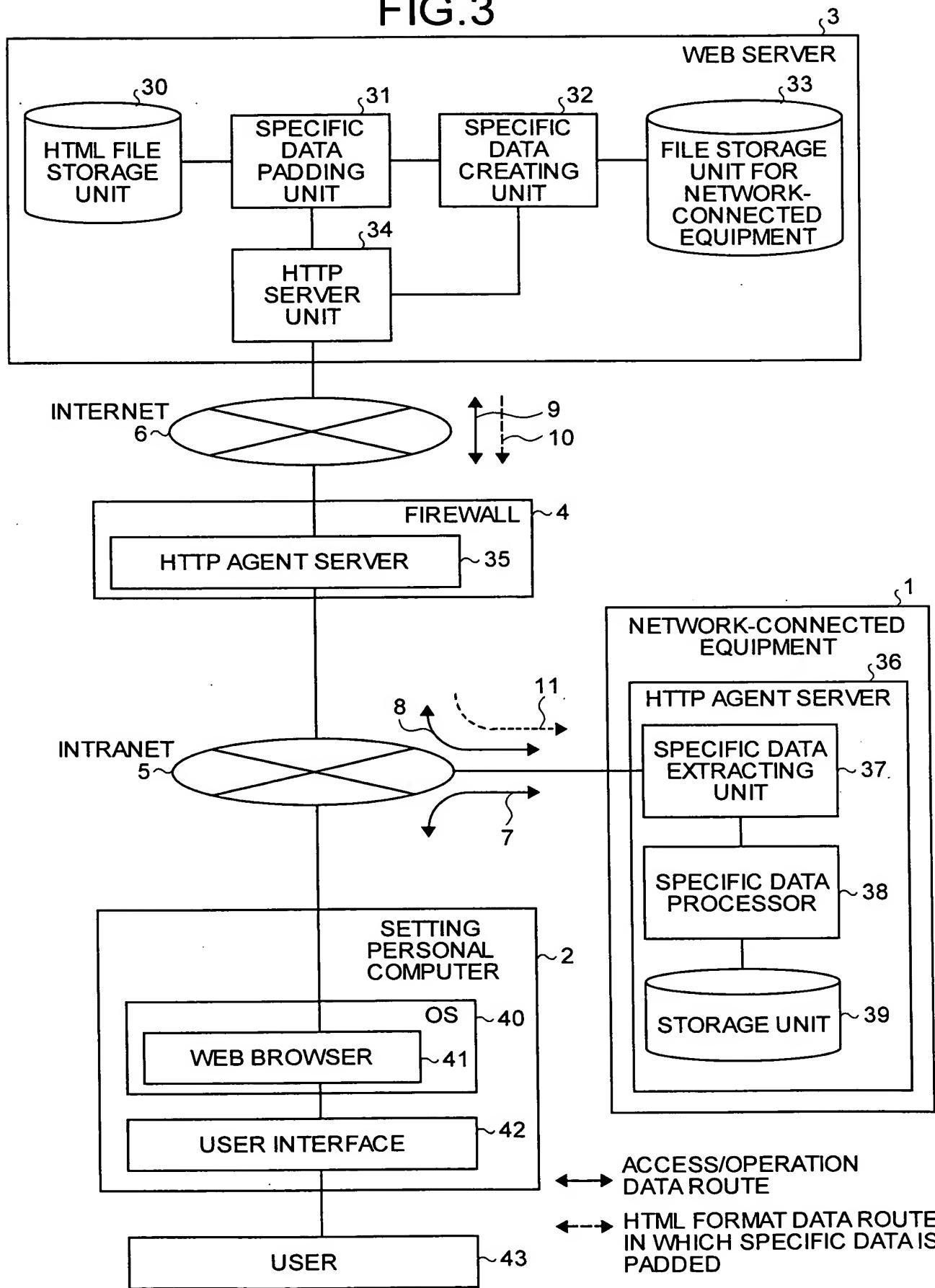


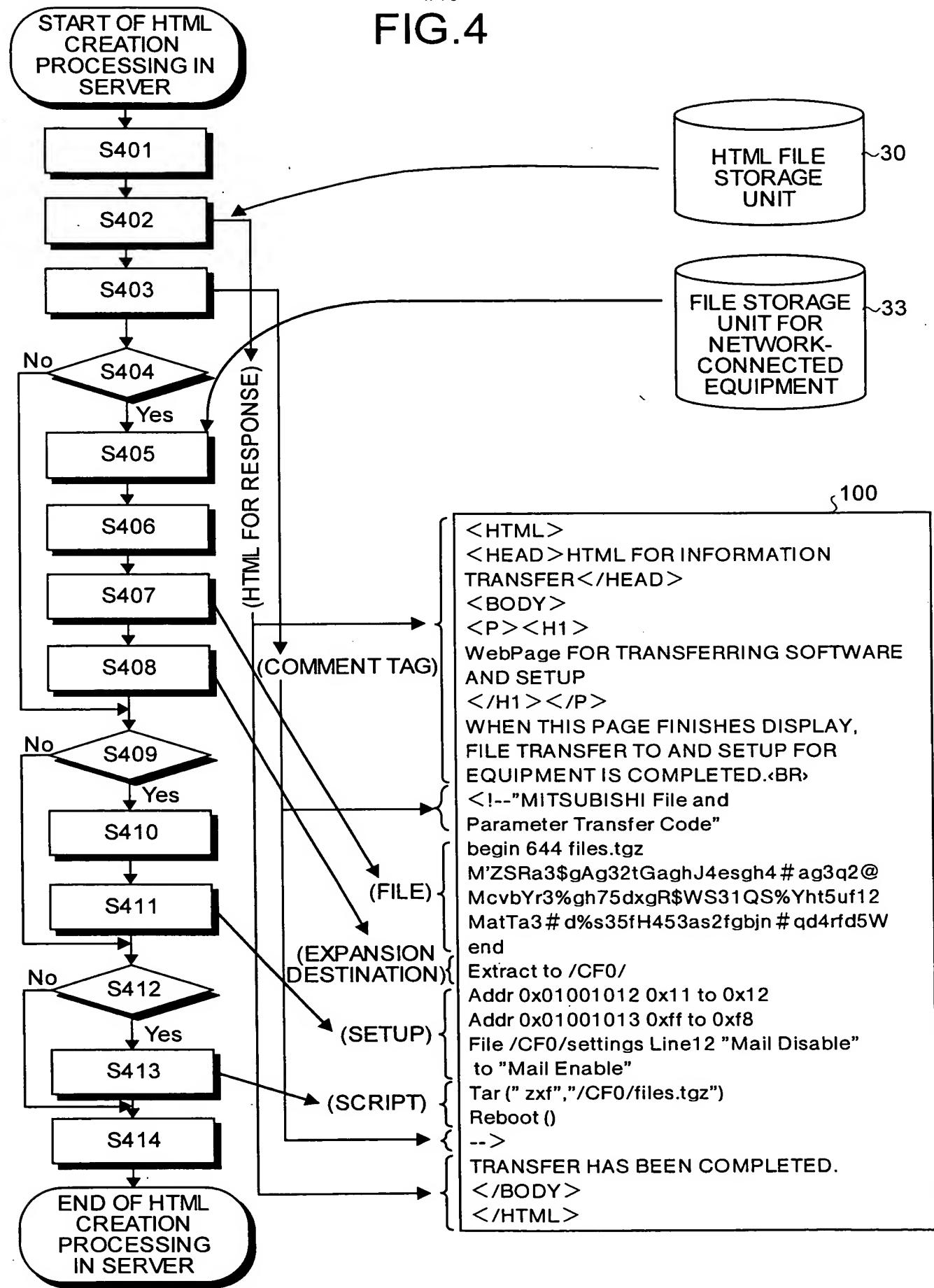
FIG.2



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FIG.3



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FIG.4

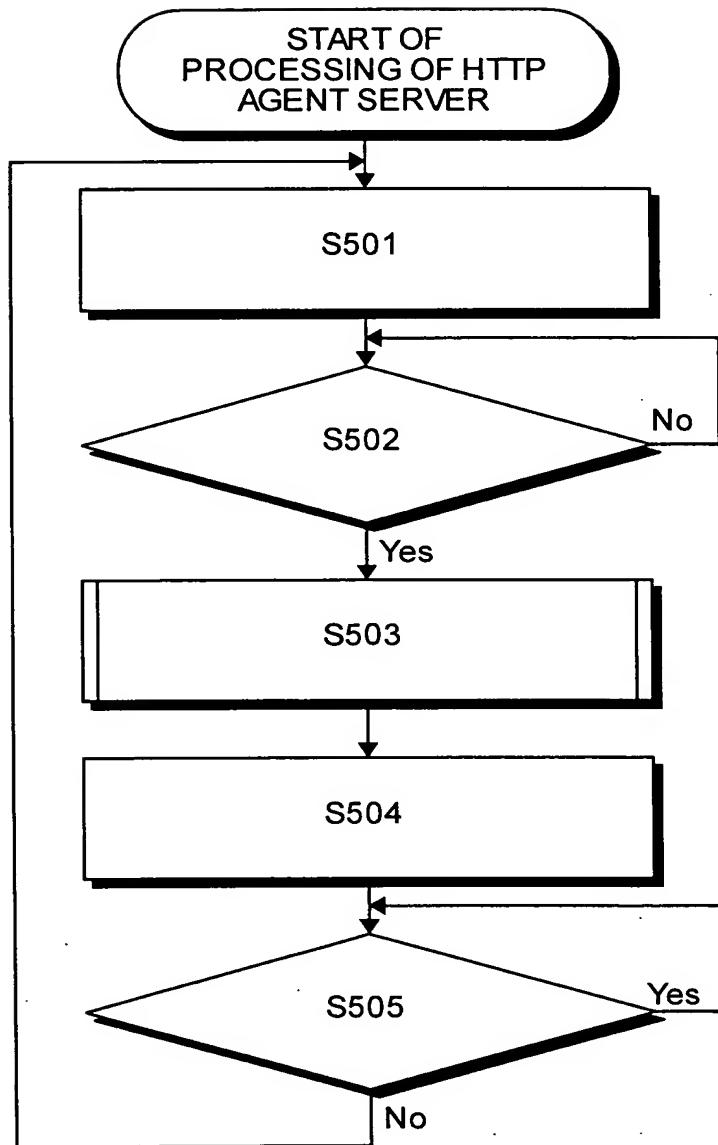
**FIG.5**

FIG.6

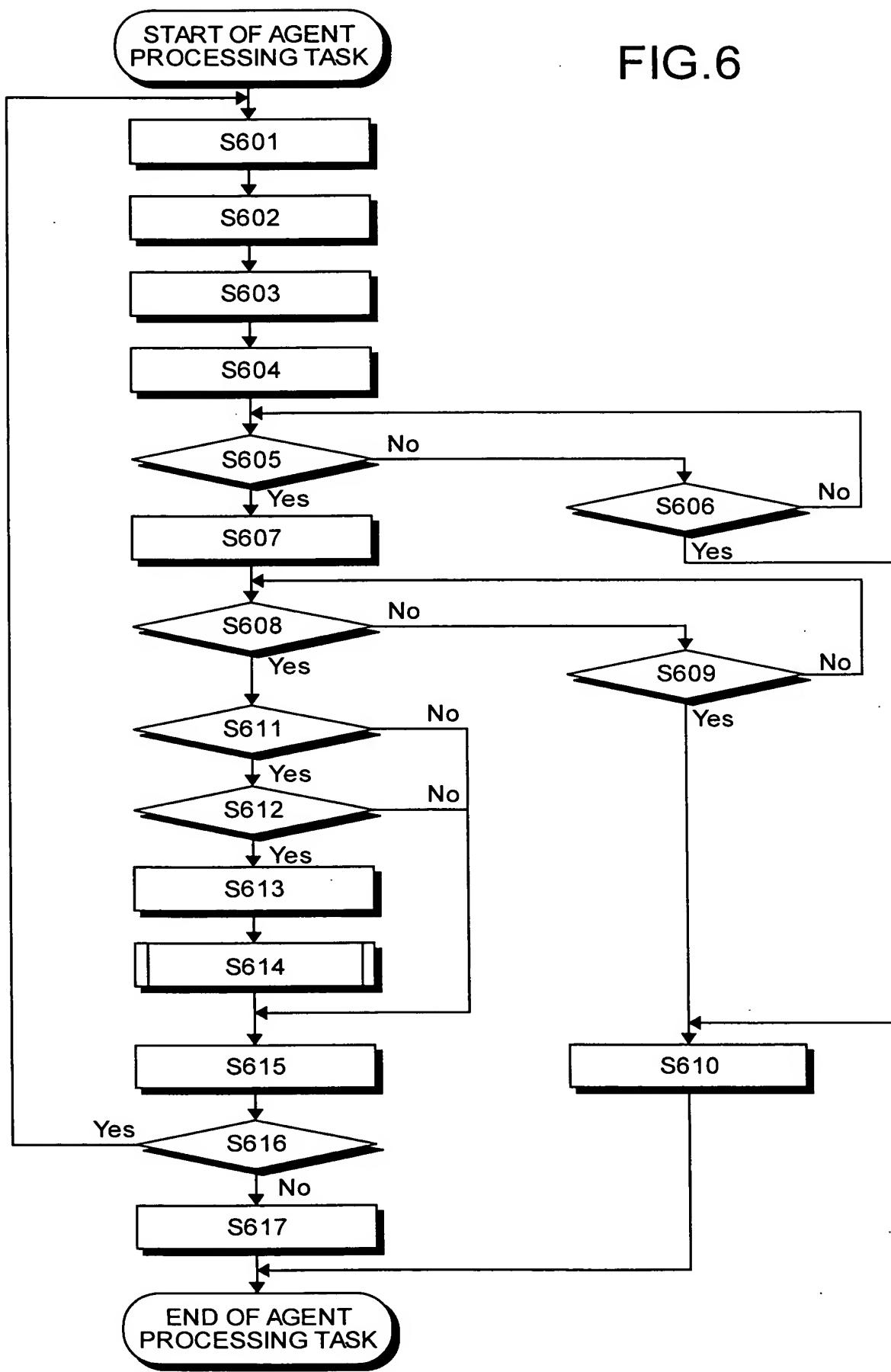
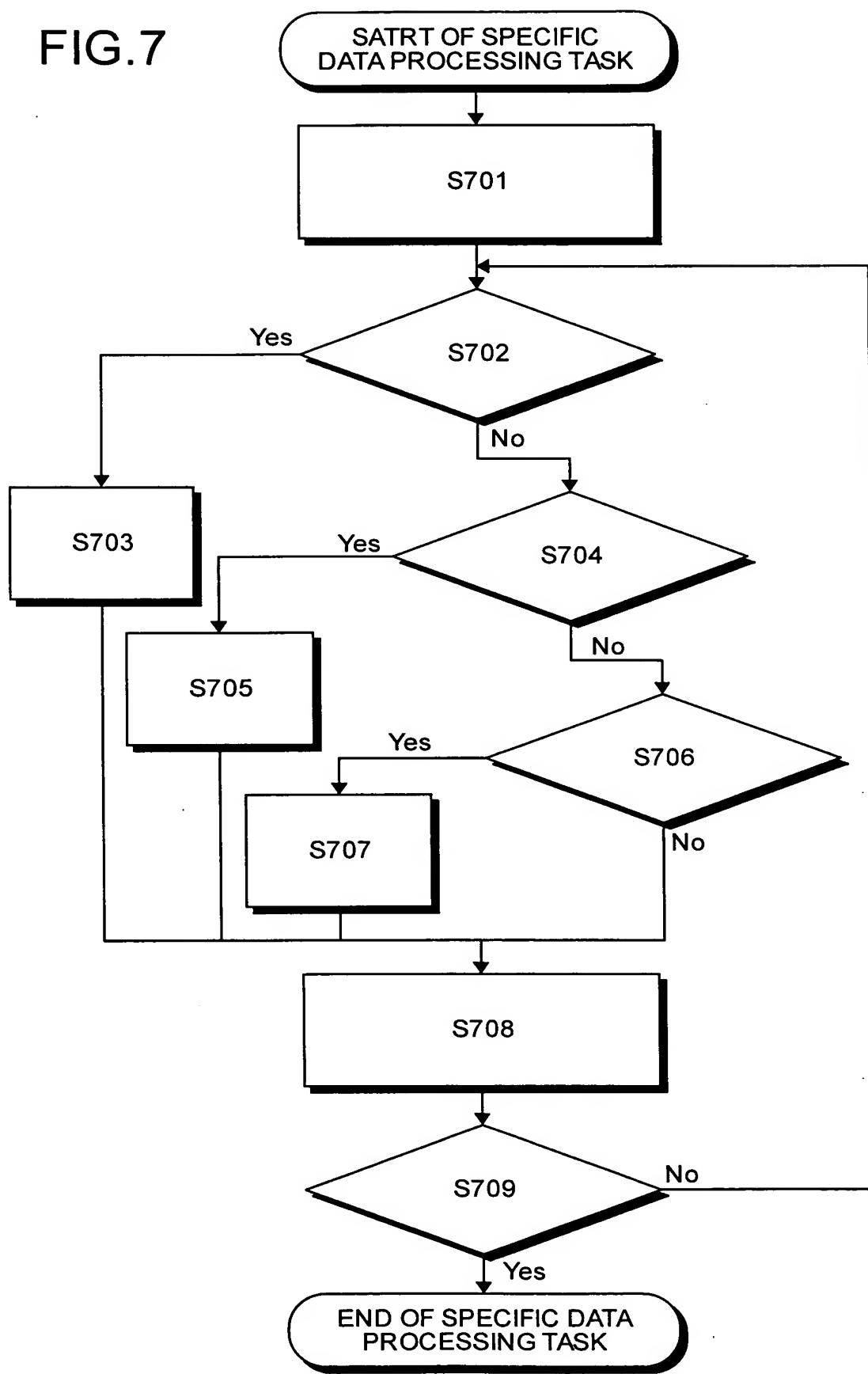
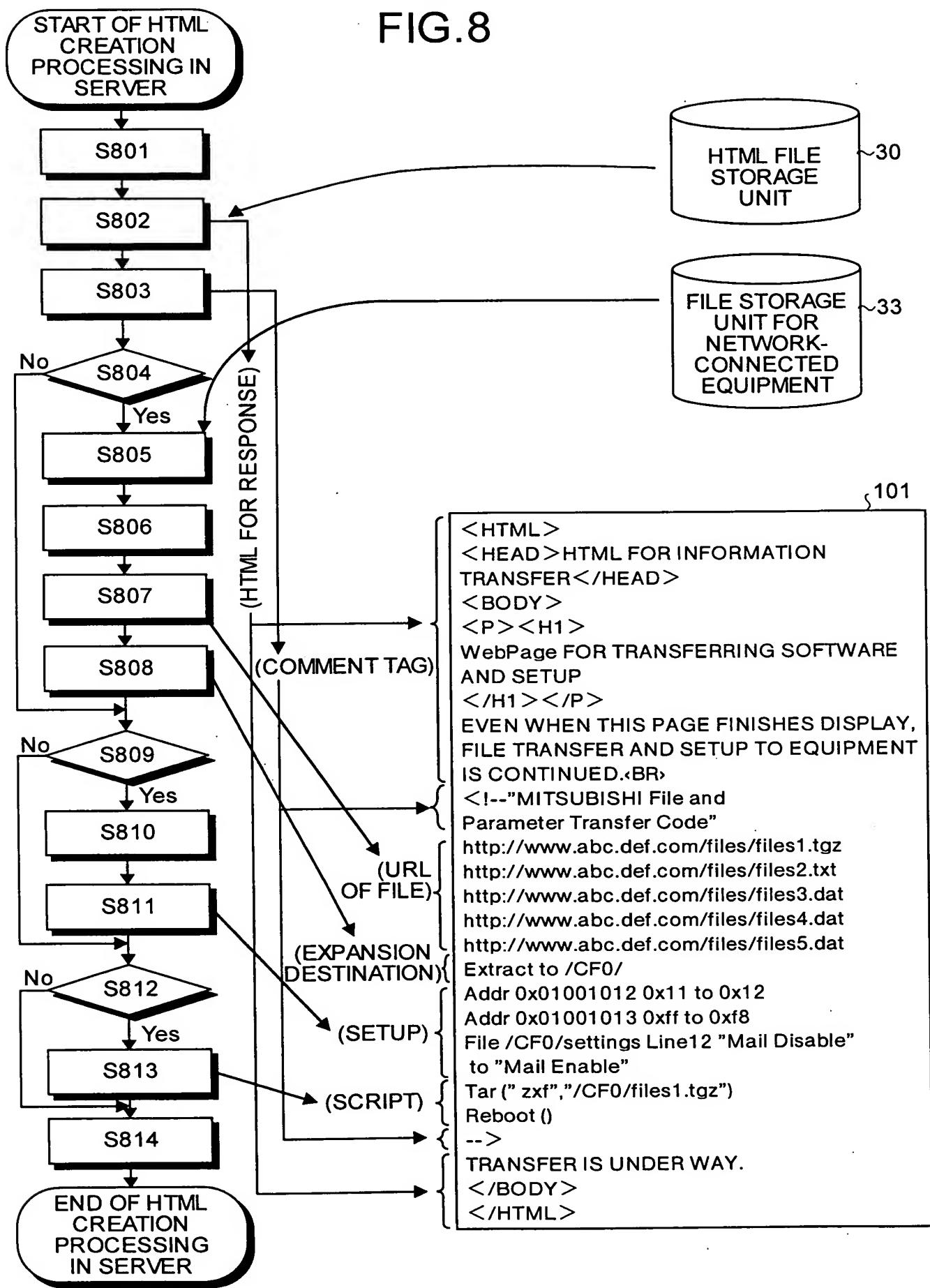


FIG.7



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FIG.8



## DESCRIPTION OF SIGNS

S401 : RECEIVE USER OPERATION BY HTTP SERVER  
S402 : SELECT HTML FOR RESPONSE  
S403 : INSERT COMMENT TAGS AND SPECIAL CHARACTER STRING FOR IDENTIFICATION  
S404 : IS THERE FILE TRANSFER REQUEST?  
S405 : SELECT FILE  
S406 : COMPRESS FILE  
S407 : CONVERT FILE TO TEXT FORMAT  
S408 : SPECIFY EXPANSION DESTINATION  
S409 : IS THERE TRANSFER REQUEST OF SETUP DATA?  
S410 : DETERMINE NECESSARY SETUP DATA  
S411 : CONVERT SETUP DATA TO TEXT FORMAT  
S412 : IS SCRIPT REQUIRED?  
S413 : DETERMINE SCRIPT  
S414 : PAD FILE, SETUP DATA, AND SCRIPT  
S501 : WAIT AT SPECIFIED PORT NUMBER TO CREATE SOCKET  
S502 : IS THERE CONNECTION REQUEST?  
S503 : ACTIVATE AGENT PROCESSING TASK  
S504 : COUNT NUMBER OF CONNECTIONS  
S505 : IS IT MAXIMUM NUMBER OF CONNECTIONS?  
S601 : RECEIVE HTTP MESSAGE FROM WEB BROWSER  
S602 : EXTRACT URL FROM HTTP MESSAGE  
S603 : EXTRACT WEB SERVER NAME FROM URL  
S604 : REQUEST CONNECTION TO WEB SERVER  
S605 : IS CONNECTION COMPLETED?  
S606 : IS IT TIME-OUT?  
S607 : TRANSMIT SAME MESSAGE AS RECEIVED HTTP MESSAGE  
S608 : IS THERE RESPONSE FROM WEB SERVER?  
S609 : IS IT TIME-OUT?  
S610 : REPLY MESSAGE INDICATING TIME-OUT

S611 : IS THERE COMMENT TAG?  
S612 : IS THERE SPECIAL CHARACTER STRING FOR IDENTIFICATION?  
S613 : EXTRACT COMMENT PORTION  
S614 : ACTIVATE SPECIFIC DATA PROCESSING TASK  
S615 : TRANSMIT REMAINING WEB SERVER RESPONSE TO WEB BROWSER  
S616 : IS CONNECTION TO BE MAINTAINED?  
S617 : CUT OFF CONNECTION AND REDUCE NUMBER OF CONNECTIONS  
S701 : READ NEXT LINE IN SPECIAL CHARACTER STRING FOR IDENTIFICATION  
S702 : IS IT FILE DATA?  
S703 : PERFORM FILE EXPANSION PROCESSING  
S704 : IS IT SETUP DATA?  
S705 : PERFORM SETUP PROCESSING  
S706 : IS IT SCRIPT?  
S707 : PERFORM SCRIPT EXECUTION PROCESSING  
S708 : READ NEXT LINE  
S709 : HAS ALL PROCESSING FINISHED?  
S801 : RECEIVE USER OPERATION BY HTTP SERVER  
S802 : SELECT HTML FOR RESPONSE  
S803 : INSERT COMMENT TAG AND SPECIAL  
CHARACTER STRING FOR IDENTIFICATION  
S804 : IS THERE FILE TRANSFER REQUEST?  
S805 : SELECT FILE  
S806 : COPY FILE ON HTTP SERVER  
S807 : OBTAIN URL OF FILE  
S808 : SPECIFY EXPANSION DESTINATION  
S809 : IS THERE TRANSFER REQUEST OF SETUP DATA?  
S810 : DETERMINE NECESSARY SETUP DATA  
S811 : CONVERT SETUP DATA TO TEXT FORMAT  
S812 : IS SCRIPT REQUIRED?  
S813 : DETERMINE SCRIPT  
S814 : PAD URL OF FILE, SETUP DATA, AND SCRIPT